

Installing Kable Lite

When installing and using this system, please adhere to the following basic safety precautions:

- Read all instructions completely before beginning installation
- Turn off the electrical power at the panel before modifying the system in any way
- Do not install this system
 - In a wet or damp location
 - With the fixtures located within six inches of combustible materials
 - With the rail concealed or extended through a building wall

We recommend you hire a qualified, licensed electrician to install the system.

Order of Installation

1 Unpack boxes, but keep packages intact to avoid losing small hardware pieces and instructions. Lay the system out on the floor as an overview of where individual items will be installed.

<p>2a Install remote transformer</p> <ul style="list-style-type: none"> • Determine location of transformer, j-box and canopy • Pull the correct gauge THHN wire from the transformer to the canopy (see voltage drop chart, below). Single feed canopies require two leads; dual feed canopies require four • Install canopy at j-box 	OR	<p>2b Install surface transformer</p> <ul style="list-style-type: none"> • Determine transformer location • Mount transformer to 120 volt j-box
---	----	---

3 **Install the Kable Lite turnbuckles and anchors**

- Carefully determine proper locations (Review all fixtures to determine the correct separation needed between cables)
- Reinforce with wood blocking behind the wall for runs over twenty feet in length

4 **Carefully place and install additional supports and hardware, if any**
(Maintain proper cable separation)

5 **Install cable**

- Fully extend turnbuckles
- Feed each cable from anchor or turnbuckle through any supports or hardware to other turnbuckle
- Adjust cables to be straight and taut; trim excess cable

6 **Connect the canopy leads to the cables**

- Bend and trim off any excess lead wire or cable
- Make sure power connections are very tight
- Turn on the power; use a voltmeter to ensure the proper voltage

7 **Add elements**

- Shorten fixtures if necessary
- Install accessories and lamps Note: 24 volt transformers require 24 volt lamps
- Place elements on system ensuring tight connections

8 **Run system for 20 minutes**

Turn off the system and check for any connections that are hot to the touch. Those that are hot must be retightened. accessories and lamps

Low-Voltage Wire Size Table							
Use this chart to determine the correct THHN wire size for an acceptable 3 percent drop in voltage at the specified wattage. The length shown is the length of wire from the remote transformer to the electrical J-box.							
		5 ft.	6-15 ft.	16-20 ft.	21-40 ft.	41-60 ft.	61-90 ft.
12 VOLT	150 watt	12 ga.	8 ga.	6 ga.	4 ga.	2 ga.	1 ga.
	300 watt	10 ga.	6 ga.	4 ga.	1 ga.	1/0 ga.	3/0 ga.
24 VOLT	300 watt	14 ga.	12 ga.	10 ga.	6 ga.	6 ga.	4 ga.
	600 watt	12 ga.	8 ga.	6 ga.	4 ga.	2 ga.	1 ga.